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(54) POLYISOBUTYLENE-POLYOLEFIN COPOLYMER AND MANUFACTURING METHOD THEREFOR

(57)Abstract:

PROBLEM TO BE SOLVED: To provide an efficient method for synthesizing a polyisobutylene-graft-polyolefin and/or a polyisobutylene-block-polyolefin, a composition comprising the copolymer or copolymers, and a method for manufacturing the copolymers.

SOLUTION: The polyisobutylene-polyolefin copolymer is manufactured by performing a cationic polymerization in the presence of a polyolefin macromonomer with a vinylidene terminal to form a polymeric segment mainly composed of isobutylene.

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